

SLR:dm 03/14/02 105055.doc

Express Mail Label No. EV059538934US  
Attorney Ref. No. 6235-62514**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled NOVEL GUANOSINE TRIPHOSPHATE-BINDING PROTEIN-COUPLED RECEPTORS AND GENES THEREOF, AND PRODUCTION AND USES THEREOF, the specification of which

- ☐ is attached hereto.
- ☐ was filed on \_\_\_\_\_ as United States Patent Application No. \_\_\_\_\_.
- ☒ was described and claimed in PCT International Application No. PCT/JP00/09408, filed on 28 December 2000, and as amended under PCT Articles 19 on n/a (if applicable).
- ☐ and was amended on \_\_\_\_\_ (if applicable).
- ☐ with amendments through \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56. If this is a continuation-in-part application filed under the conditions specified in 35 U.S.C. § 120 which discloses claims and subject matter in addition to that disclosed in the prior copending application, I further acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the applications(s) on which priority is claimed:

<u>11/375152</u>	<u>Japan</u>	<u>28 December 1999</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>2000/101339</u>	<u>Japan</u>	<u>31 March 2000</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Number	Country	Day/Month/Year Filed	Yes	No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

_____	_____
Application Number	Filing Date

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PCT/JP00/09408  
Application Number

28 December 2000  
Filing Date

Pending  
Status: patented, pending abandoned

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Customer Number



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JONES, Michael D.	41,879	STEPHENS Jr., Donald L.	34,022
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KLITZKE II, Ramon A.	30,188	VANDENBERG, John D.	31,312
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MIRHO, Charles A.	41,199	ZASTROW, Devon J.	50,206
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Name of First or Sole Inventor:	<u>Shun-ichiro Matsumoto</u>	
Residence:	Chiba, Japan	
Mailing Address:	248-2-1001, Toyofuta, Kashiwa-shi Chiba 277-0872 JAPAN	
Citizenship:	Japan	
Inventor's Signature	<u>S. Matsumoto</u>	Date <u>Jan. 6 '02</u>

Name of Second Inventor:	<u>Tamaki Oda</u>	
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Mailing Address:	1-14-2-213, Ninomiya, Tsukuba-shi Ibaraki 305-0051 JAPAN	
Citizenship:	Japan	
Inventor's Signature	<u>Tamaki Oda</u>	Date <u>June 6 '02</u>

Name of Third Inventor:	<u>Youko Saito</u>	
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Inventor's Signature	<u>Youko Saito</u>	Date <u>June 6 '02</u>

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Citizenship:	Japan	
Inventor's Signature		Date

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**Mailing Address:** 4-1, Makizono, Kukizaki-machi, Inashiki-gun  
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**Citizenship:** Japan  
**Inventor's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

**Name of Sixth Inventor:** 60 Makiko Suwa  
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**Citizenship:** Japan  
**Inventor's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

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**Inventor's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

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**Mailing Address:** c/o Mitsubishi Pharma Corporation  
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**Citizenship:** Japan  
**Inventor's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

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<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b> _____	<b>Date</b> _____

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<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b> _____	<b>Date</b> _____

<b>Name of Eleventh Inventor:</b> <u>1100</u> <u>Yoshihisa Inoue</u>	
<b>Residence:</b>	Tokyo, Japan
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<u>PCT/JP00/09408</u>	<u>28 December 2000</u>	<u>Pending</u>
Application Number	Filing Date	Status: patented, pending abandoned

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Customer Number

**24197**

Klarquist Sparkman

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<b>Residence:</b>	Chiba, Japan
<b>Mailing Address:</b>	248-2-1001, Toyofuta, Kashiwa-shi Chiba 277-0872 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b> _____	<b>Date</b> _____

<b>Name of Second Inventor:</b> Tamaki Oda	
<b>Residence:</b>	Ibaraki, Japan
<b>Mailing Address:</b>	1-14-2-213, Ninomiya, Tsukuba-shi Ibaraki 305-0051 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b> _____	<b>Date</b> _____

<b>Name of Third Inventor:</b> Youko Saito	
<b>Residence:</b>	Ibaraki, Japan
<b>Mailing Address:</b>	3-16-5-201, Hanabatake, Tsukuba-shi Ibaraki 300-3263 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b> _____	<b>Date</b> _____

<b>Name of Fourth Inventor:</b> Noriyuki Morikawa	
<b>Residence:</b>	Ibaraki, Japan
<b>Mailing Address:</b>	2-25-4-402, Arakawaokihigashi, Tsuchiura-shi Ibaraki 300-1171 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b> _____	<b>Date</b> _____

<b>Name of Fifth Inventor:</b>	Kenji Yoshida
<b>Residence:</b>	Ibaraki, Japan
<b>Mailing Address:</b>	4-1, Makizono, Kukizaki-machi, Inashiki-gun Ibaraki 300-1241 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b>	<b>Date</b>

<b>Name of Sixth Inventor:</b>	Makiko Suwa
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	1-24-4, Kamata, Ota-ku Tokyo 144-0052 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b> <i>Makiko Suwa</i>	<b>Date</b> <i>June 20, 2002</i>

<b>Name of Seventh Inventor:</b>	Tomoyasu Sugiyama
<b>Residence:</b>	Tokyo, Japan
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<b>Name of Eighth Inventor:</b>	Toshimitsu Kishimoto
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	c/o Mitsubishi Pharma Corporation Tokyo Head Office 2-6, Nihonbashi-honcho 2-chome, Chuo-ku Tokyo 103-8405 JAPAN
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**Name of Ninth Inventor:** Kouji Kanzaki  
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**Mailing Address:** c/o Mitsubishi Pharma Corporation  
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2-6, Nihonbashi-honcho 2-chome, Chuo-ku  
Tokyo 103-8405  
JAPAN  
**Citizenship:** Japan  
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**Name of Tenth Inventor:** Shin-ichiro Yasuda  
**Residence:** Tokyo, Japan  
**Mailing Address:** c/o Mitsubishi Pharma Corporation  
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Tokyo 103-8405  
JAPAN  
**Citizenship:** Japan  
**Inventor's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

**Name of Eleventh Inventor:** Yoshihisa Inoue  
**Residence:** Tokyo, Japan  
**Mailing Address:** c/o Mitsubishi Pharma Corporation  
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Chiba 277-0872  
JAPAN**Citizenship:** Japan**Inventor's Signature** \_\_\_\_\_**Date** \_\_\_\_\_**Name of Second Inventor:** Tamaki Oda**Residence:** Ibaraki, Japan**Mailing Address:** 1-14-2-213, Ninomiya, Tsukuba-shi  
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JAPAN**Citizenship:** Japan**Inventor's Signature** \_\_\_\_\_**Date** \_\_\_\_\_**Name of Fourth Inventor:** Noriyuki Morikawa**Residence:** Ibaraki, Japan**Mailing Address:** 2-25-4-402, Arakawaokihigashi, Tsuchiura-shi  
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JAPAN**Citizenship:** Japan**Inventor's Signature** \_\_\_\_\_**Date** \_\_\_\_\_

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**Citizenship:** Japan  
**Inventor's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

**Name of Sixth Inventor:** Makiko Suwa  
**Residence:** Tokyo, Japan  
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**Citizenship:** Japan  
**Inventor's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

**Name of Seventh Inventor:** Tomoyasu Sugiyama  
**Residence:** Tokyo, Japan  
**Mailing Address:** 5-4-3-512, Yokokawa, Sumida-ku  
Tokyo 130-0003  
JAPAN  
**Citizenship:** Japan  
**Inventor's Signature** Tomoyasu Sugiyama **Date** Jun 5, 2002

**Name of Eighth Inventor:** Toshimitsu Kishimoto  
**Residence:** Tokyo, Japan  
**Mailing Address:** c/o Mitsubishi Pharma Corporation  
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<b>Residence:</b>	Tokyo, Japan
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<b>Mailing Address:</b>	c/o Mitsubishi Pharma Corporation Tokyo Head Office 2-6, Nihonbashi-honcho 2-chome, Chuo-ku Tokyo 103-8405 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b>	<b>Date</b>

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled NOVEL GUANOSINE TRIPHOSPHATE-BINDING PROTEIN-COUPLED RECEPTORS AND GENES THEREOF, AND PRODUCTION AND USES THEREOF, the specification of which

- ☐ is attached hereto.
- ☐ was filed on \_\_\_\_\_ as United States Patent Application No. \_\_\_\_\_.
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<u>11/375152</u>	<u>Japan</u>	<u>28 December 1999</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>2000/101339</u>	<u>Japan</u>	<u>31 March 2000</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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<u>PCT/JP00/09408</u>	<u>28 December 2000</u>	<u>Pending</u>
Application Number	Filing Date	Status: patented, pending abandoned

I hereby appoint the practitioners associated with the customer number provided below to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number

**24197**

Klarquist Sparkman

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BURG, Daniel B.	41,649	PETERSEN, David P.	28,106
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MIRHO, Charles A.	41,199	ZASTROW, Devon J.	50,206
NOONAN, William D.	30,878		

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**Name of First or Sole Inventor:** Shun-ichiro Matsumoto**Residence:** Chiba, Japan**Mailing Address:** 248-2-1001, Toyofuta, Kashiwa-shi  
Chiba 277-0872  
JAPAN**Citizenship:** Japan**Inventor's Signature** \_\_\_\_\_**Date** \_\_\_\_\_**Name of Second Inventor:** Tamaki Oda**Residence:** Ibaraki, Japan**Mailing Address:** 1-14-2-213, Ninomiya, Tsukuba-shi  
Ibaraki 305-0051  
JAPAN**Citizenship:** Japan**Inventor's Signature** \_\_\_\_\_**Date** \_\_\_\_\_**Name of Third Inventor:** Youko Saito**Residence:** Ibaraki, Japan**Mailing Address:** 3-16-5-201, Hanabatake, Tsukuba-shi  
Ibaraki 300-3263  
JAPAN**Citizenship:** Japan**Inventor's Signature** \_\_\_\_\_**Date** \_\_\_\_\_**Name of Fourth Inventor:** Noriyuki Morikawa**Residence:** Ibaraki, Japan**Mailing Address:** 2-25-4-402, Arakawaokihigashi, Tsuchiura-shi  
Ibaraki 300-1171  
JAPAN**Citizenship:** Japan**Inventor's Signature** \_\_\_\_\_**Date** \_\_\_\_\_



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Express Mail Label No. EV059538934US  
Attorney Ref. No. 6235-62514

<b>Name of Ninth Inventor:</b>	Kouji Kanzaki
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	c/o Mitsubishi Pharma Corporation Tokyo Head Office 2-6, Nihonbashi-honcho 2-chome, Chuo-ku Tokyo 103-8405 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b>	<u>Kouji Kanzaki</u> <b>Date</b> <u>Aug 5, 2002</u>

<b>Name of Tenth Inventor:</b>	Shin-ichiro Yasuda
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	c/o Mitsubishi Pharma Corporation Tokyo Head Office 2-6, Nihonbashi-honcho 2-chome, Chuo-ku Tokyo 103-8405 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b>	<u>Shin-ichiro Yasuda</u> <b>Date</b> <u>Sept. 4, 2002</u>

<b>Name of Eleventh Inventor:</b>	Yoshihisa Inoue
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	c/o Mitsubishi Pharma Corporation Tokyo Head Office 2-6, Nihonbashi-honcho 2-chome, Chuo-ku Tokyo 103-8405 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b>	<u>Yoshihisa Inoue</u> <b>Date</b> <u>Aug. 30th, 2002</u>

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Chiba 277-0872  
JAPAN**Citizenship:** Japan**Inventor's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_**Name of Second Inventor:** Tamaki Oda**Residence:** Ibaraki, Japan**Mailing Address:** 1-14-2-213, Ninomiya, Tsukuba-shi  
Ibaraki 305-0051  
JAPAN**Citizenship:** Japan**Inventor's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_**Name of Third Inventor:** Youko Saito**Residence:** Ibaraki, Japan**Mailing Address:** 3-16-5-201, Hanabatake, Tsukuba-shi  
Ibaraki 300-3263  
JAPAN**Citizenship:** Japan**Inventor's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_**Name of Fourth Inventor:** Noriyuki Morikawa**Residence:** Ibaraki, Japan**Mailing Address:** 2-25-4-402, Arakawaokihigashi, Tsuchiura-shi  
Ibaraki 300-1171  
JAPAN**Citizenship:** Japan**Inventor's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

<b>Name of Fifth Inventor:</b>	Kenji Yoshida
<b>Residence:</b>	Ibaraki, Japan
<b>Mailing Address:</b>	4-1, Makizono, Kukizaki-machi, Inashiki-gun Ibaraki 300-1241 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b>	<u>Kenji Yoshida</u> <b>Date</b> <u>June 10, 2002</u>

<b>Name of Sixth Inventor:</b>	Makiko Suwa
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	1-24-4, Kamata, Ota-ku Tokyo 144-0052 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b>	_____ <b>Date</b> _____

<b>Name of Seventh Inventor:</b>	Tomoyasu Sugiyama
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	5-4-3-512, Yokokawa, Sumida-ku Tokyo 130-0003 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b>	_____ <b>Date</b> _____

<b>Name of Eighth Inventor:</b>	Toshimitsu Kishimoto
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	c/o Mitsubishi Pharma Corporation Tokyo Head Office 2-6, Nihonbashi-honcho 2-chome, Chuo-ku Tokyo 103-8405 JAPAN
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<b>Name of Ninth Inventor:</b>	<b>Kouji Kanzaki</b>
<b>Residence:</b>	Tokyo, Japan
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<b>Inventor's Signature</b>	<b>Date</b>

<b>Name of Tenth Inventor:</b>	<b>Shin-ichiro Yasuda</b>
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	c/o Mitsubishi Pharma Corporation Tokyo Head Office 2-6, Nihonbashi-honcho 2-chome, Chuo-ku Tokyo 103-8405 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b>	<b>Date</b>

<b>Name of Eleventh Inventor:</b>	<b>Yoshihisa Inoue</b>
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	c/o Mitsubishi Pharma Corporation Tokyo Head Office 2-6, Nihonbashi-honcho 2-chome, Chuo-ku Tokyo 103-8405 JAPAN
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JAPAN**Citizenship:** Japan**Inventor's Signature** Noriyuki Morikawa**Date** June 14, 2002

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<b>Name of Fifth Inventor:</b>	Kenji Yoshida
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<b>Mailing Address:</b>	4-1, Makizono, Kukizaki-machi, Inashiki-gun Ibaraki 300-1241 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b>	<b>Date</b>

<b>Name of Sixth Inventor:</b>	Makiko Suwa
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	1-24-4, Kamata, Ota-ku Tokyo 144-0052 JAPAN
<b>Citizenship:</b>	Japan
<b>Inventor's Signature</b>	<b>Date</b>

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<b>Name of Tenth Inventor:</b>	Shin-ichiro Yasuda
<b>Residence:</b>	Tokyo, Japan
<b>Mailing Address:</b>	c/o Mitsubishi Pharma Corporation Tokyo Head Office 2-6, Nihonbashi-honcho 2-chome, Chuo-ku Tokyo 103-8405 JAPAN
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<b>Inventor's Signature</b>	<b>Date</b>

<b>Name of Eleventh Inventor:</b>	Yoshihisa Inoue
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**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled NOVEL GUANOSINE TRIPHOSPHATE-BINDING PROTEIN-COUPLED RECEPTORS AND GENES THEREOF, AND PRODUCTION AND USES THEREOF, the specification of which

- ☐ is attached hereto.
- ☐ was filed on \_\_\_\_\_ as United States Patent Application No. \_\_\_\_\_.
- ☒ was described and claimed in PCT International Application No. PCT/JP00/09408, filed on 28 December 2000, and as amended under PCT Articles 19 on n/a (if applicable).
- ☐ and was amended on \_\_\_\_\_ (if applicable).
- ☐ with amendments through \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56. If this is a continuation-in-part application filed under the conditions specified in 35 U.S.C. § 120 which discloses claims and subject matter in addition to that disclosed in the prior copending application, I further acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the applications(s) on which priority is claimed:

<u>11/375152</u>	<u>Japan</u>	<u>28 December 1999</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>2000/101339</u>	<u>Japan</u>	<u>31 March 2000</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Number	Country	Day/Month/Year Filed	Yes	No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

_____	_____
Application Number	Filing Date